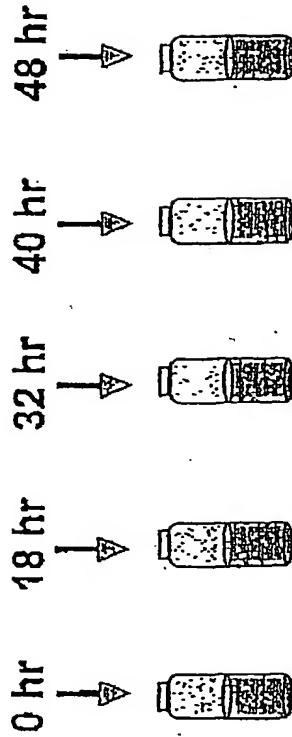


Stem Cell Differentiation Protocol Schema

Synchronized stem cell cycle transit in group culture: TPO, FLT-3L, steel factor

Lineage negative,
rhodamine low,
Hoechst low cells



2 Weeks Differentiation Culture: G-CSF, GM-CSF, steel

After culture



Cytospin: Cell Counts



Wright/Giemsa Staining



Immunofluorescence, FACS for lineage

FIG. 1

Lin-Rho^{low}Ho^{low} in TPO, FLT-3L, steel factor:
³H Thymidine Uptake

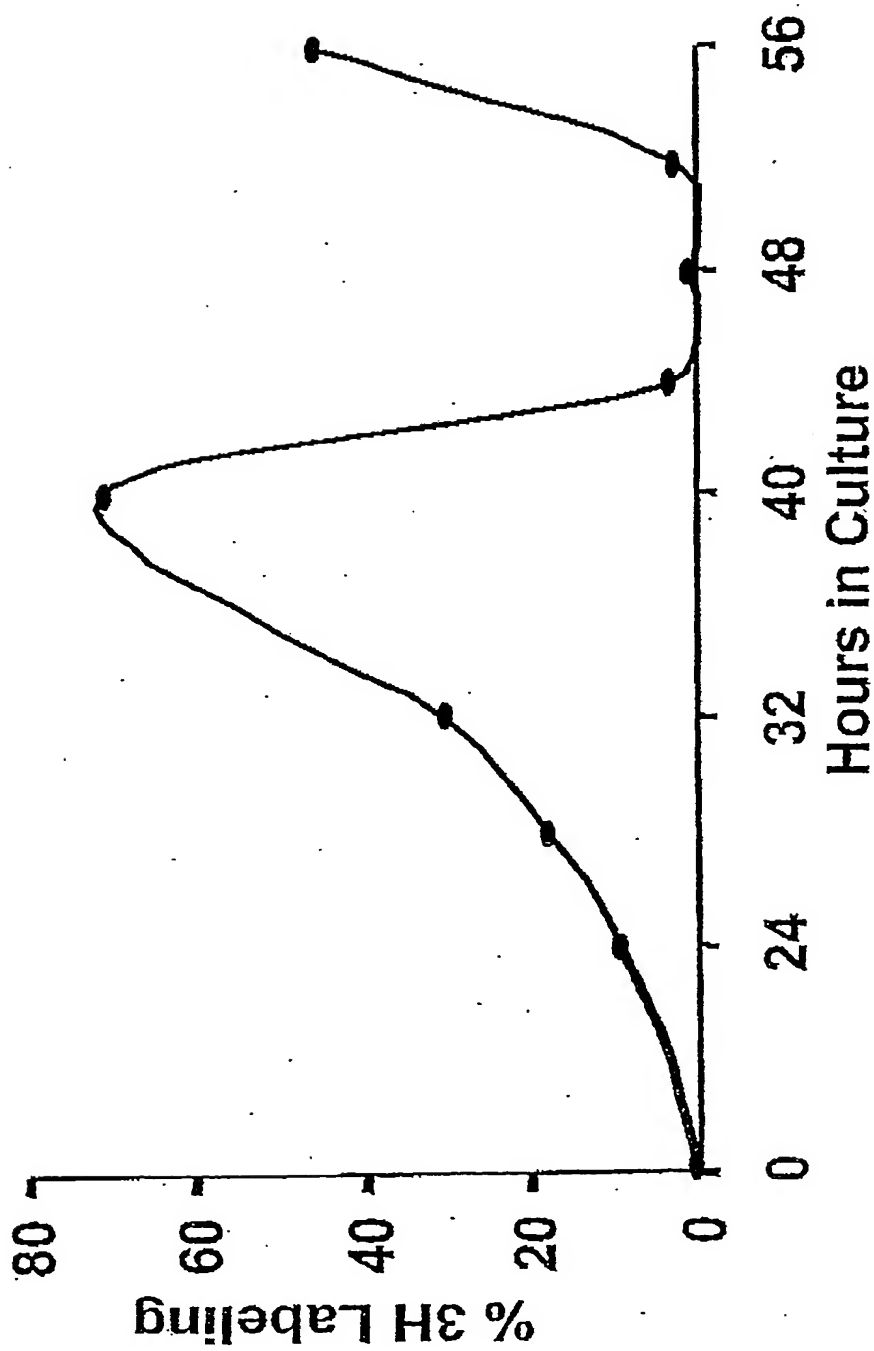


FIG. 2

Proliferative Granulocyte Differentiation Through Cycle

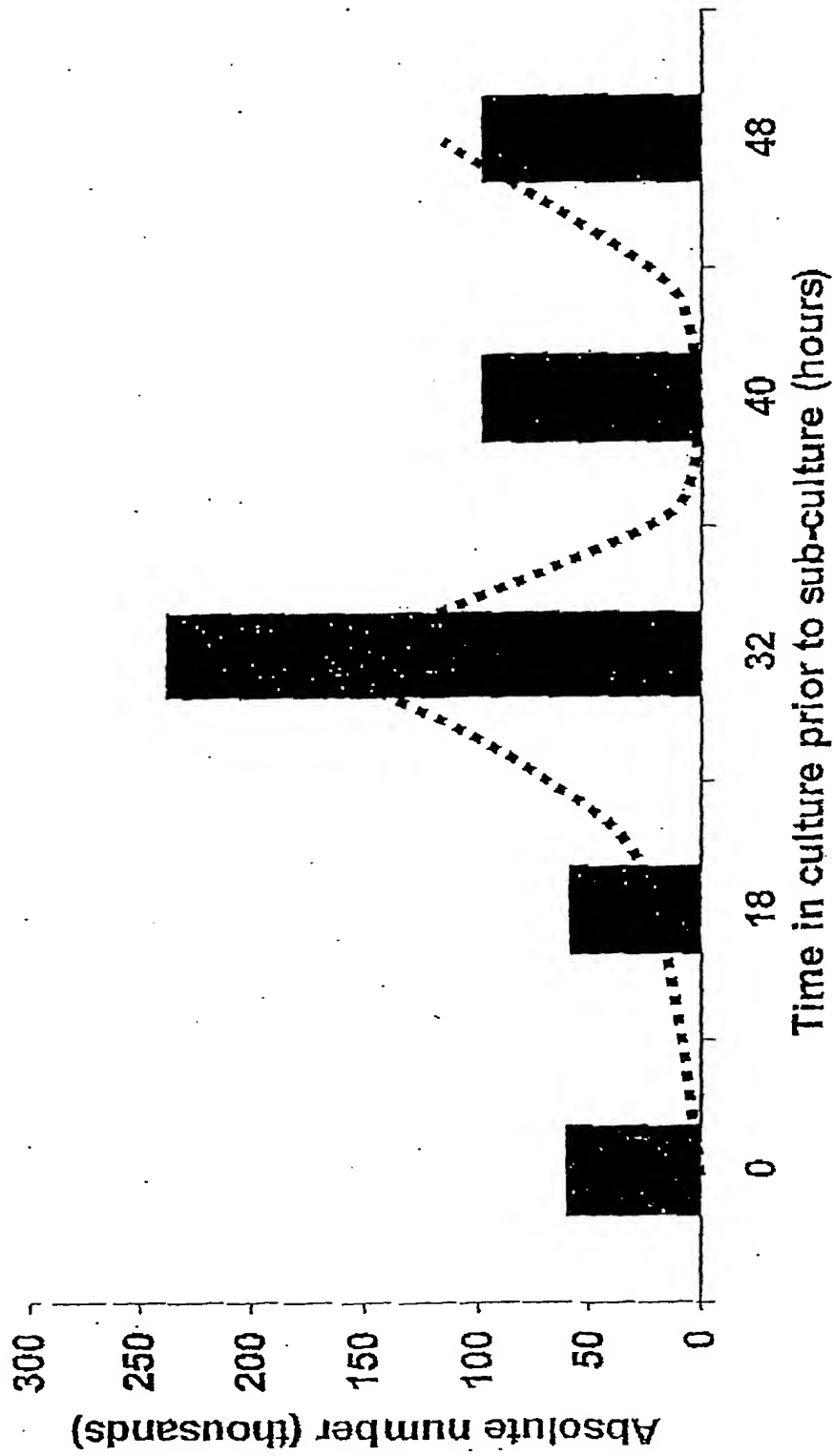


FIG. 3

Non-proliferative Granulocyte Differentiation Through Cycle

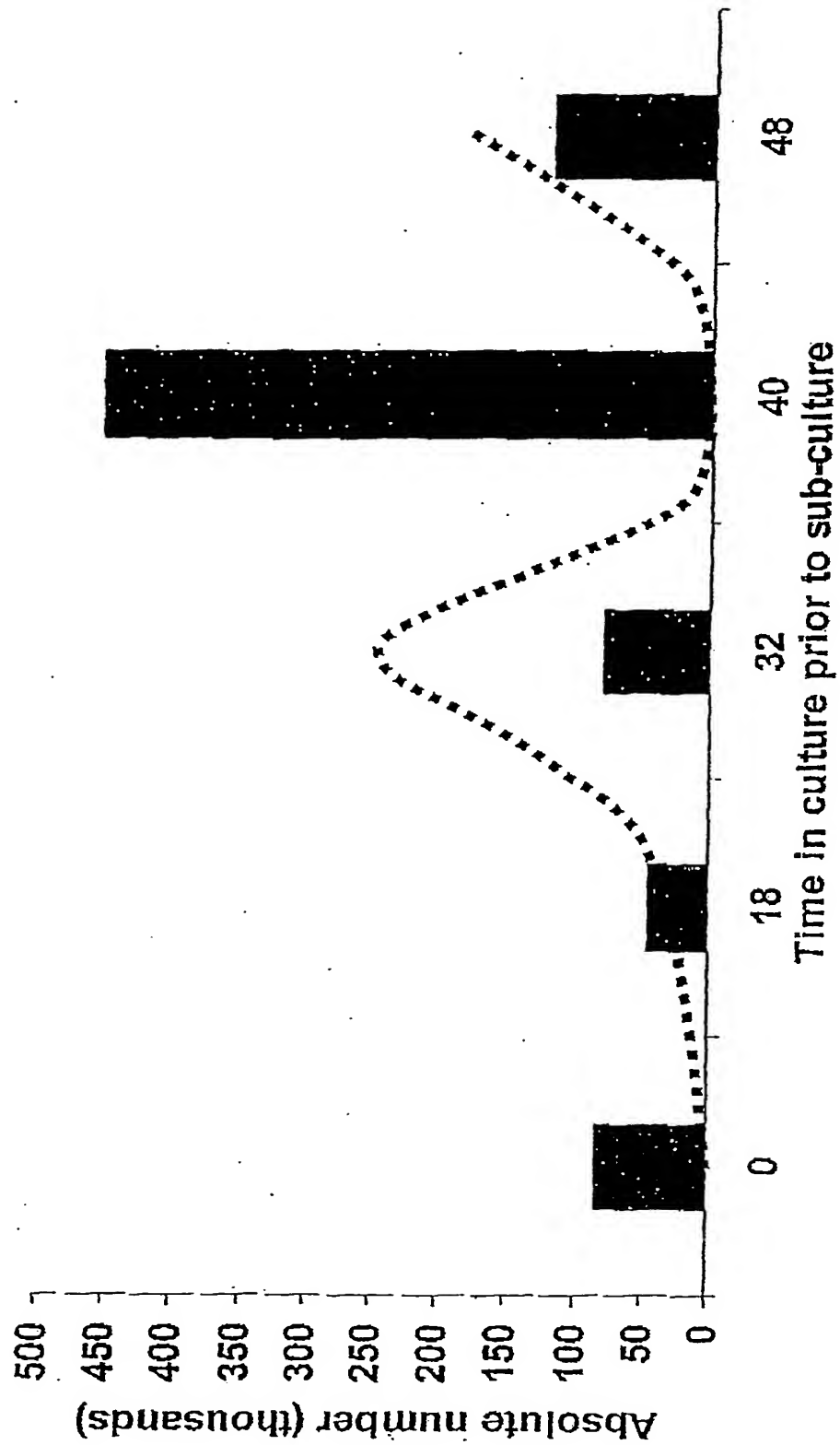


FIG. 4

Megakaryocyte Differentiation Through Cycle

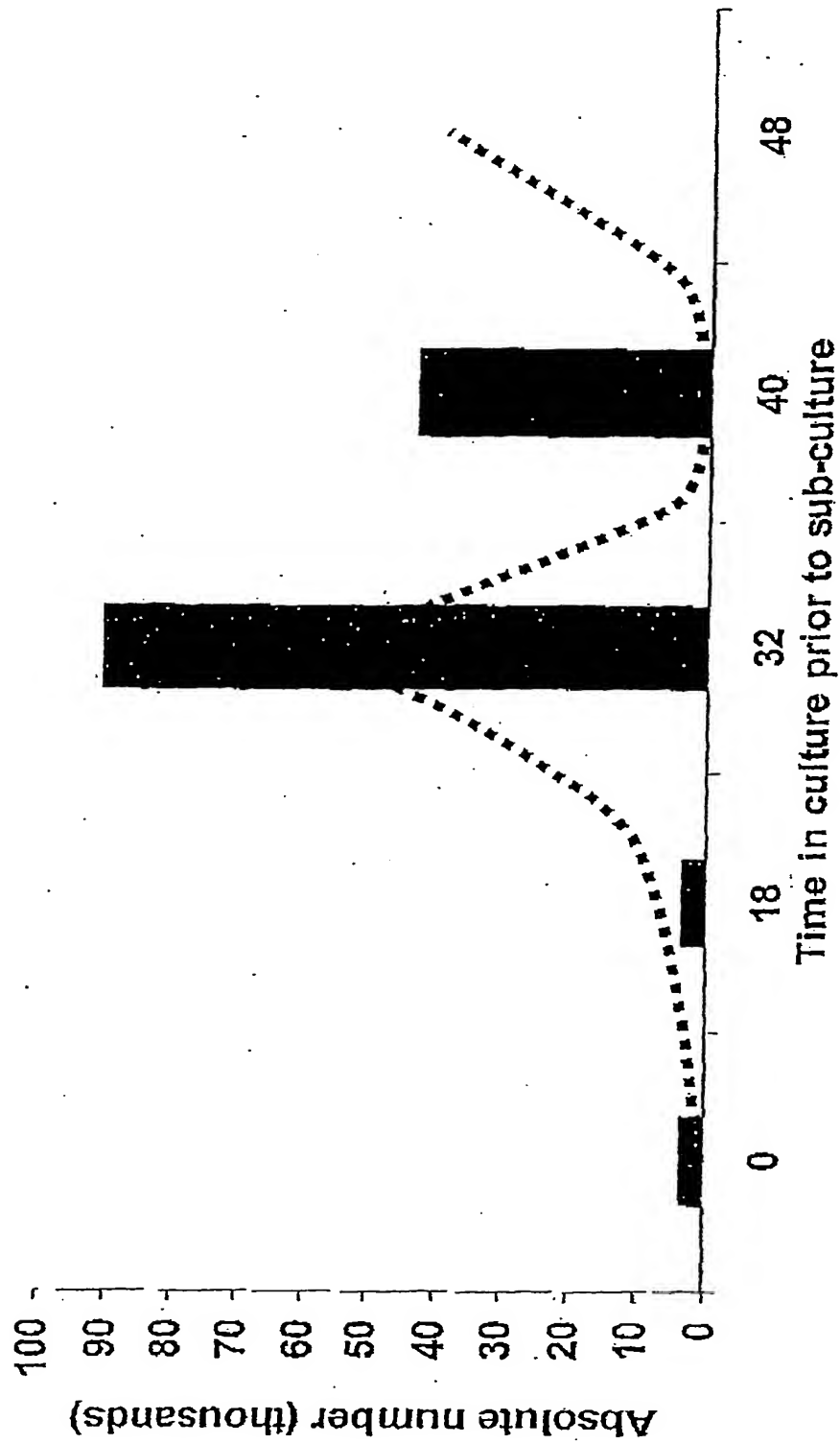


FIG. 5

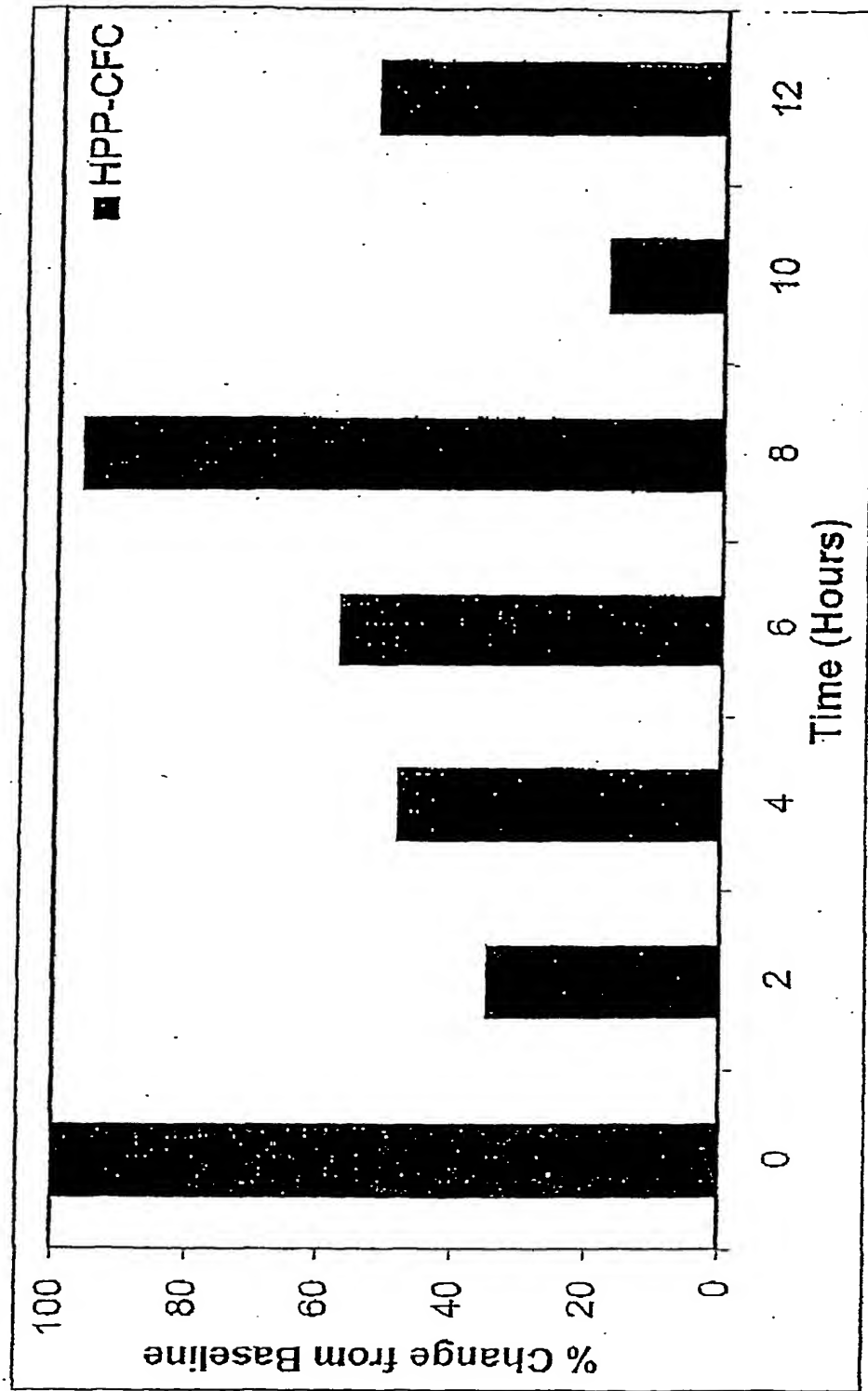
HPP-CFC through G_1 

FIG. 6